Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application, where added material is shown in underlined type, deleted material is shown in ~~strikeout type~~:

Listing of Claims:

1. (currently amended): A digital video display device, comprising:

a navigation unit operative to <u>provide</u> ~~isolate~~ an input video signal <u>from a digital media element</u>;

a video unit operative to process said input video signal such that said input video signal <u>is converted into a filtered digital video signal that</u> can be displayed on a progressive display device, said video unit comprising:

a decoder operative to separate said input video signal into a plurality of frames, each frame containing <u>at least two</u> ~~a series of~~ fields; and

a video display module <u>for processing each frame of said digital video signal,</u> comprising a detection unit ~~operative to determine the type of processing to be performed on said input video signal based on information contained within each of said plurality of frames~~ <u>for detecting if a current frame matches an entry in a look-up table and for specifying a first type of processing if there is a match and for specifying a second type processing if there is not a match; and a processing unit operative to perform on said current frame the processing specified by said detection unit</u>.

2. (currently amended): The ~~system~~ <u>device</u> of Claim 1, wherein <u>said digital media element is a digital versatile disk (DVD) inserted into said navigation unit</u> ~~said video display module further includes a processing unit operative to provide a filtered digital video frame signal based on said fields~~.

3. (canceled).

4. (currently amended): The ~~system~~ device of Claim 1, wherein said ~~detection unit is operative to determine the~~ second type of processing comprises generating said current frame from ~~to be performed on a video frame signal based on~~ the field data of a predetermined number of prior video frames and said ~~video~~ current frame ~~signal~~.

5. (currently amended): The ~~system~~ device of Claim 4, wherein said predetermined number of prior ~~video~~ frames is three.

6. (currently amended): The ~~system~~ device of Claim 1 ~~2~~, wherein said first type of processing ~~unit further~~ comprises ~~a first processing module operative to provide~~ providing either a ~~digital video~~ frame that is a concatenation of said fields of an input data frame~~, and a second processing module operative to provide a digital video~~ or a frame containing field segments having values based on adjacent field segments as specified by said look-up table entry.

7. (canceled).

8. (original): A digital video display system, comprising:

a navigation module operative to isolate an input video signal present in a digital medium;

a decoder operative to separate said input video signal into a plurality of video frames;

a detection module operative to detect the type of processing to be performed on said video frame, said detection module including a table which provides the type of processing to be performed on said video frame in response to the current video frame position; and

a processing module operative to provide a filtered video frame in response to information contained in said table, wherein said filtered video frame is capable of being displayed on a progressive display device.

9. (original): The system of Claim 8, wherein said processing module further comprises a first module operative to provide a video frame signal that is a concatenation of the fields of an

input video frame, and a second module operative to provide a video frame signal containing field segments having values based on the values of adjacent field segments.

10. (original): The system of Claim 8, wherein said detection module is operative to determine the type of processing to be performed on said video frame based on field data of a predetermined number of prior video frames and said video frame.

11. (original): The system of Claim 10, wherein the predetermined number of prior video frames is three.

12. (currently amended): A video signal processing method, comprising the steps of:

    (a)   obtaining current video information from an input video signal;

    (b)   detecting the current frame delimiter from said input video signal;

    (c)   determining whether said current frame is within a predetermined time interval;

    (d)   determining the type of processing to be performed on said current frame from a corresponding data table; and

    (e)   generating a video frame in response to predetermined parameters in said data table.

13. (original): The processing method of Claim 12, wherein said predetermined parameters are frame dependent.

14. (original): A method of processing a video signal to remove artifacts, comprising the steps of:

    (a)   separating a video image frame into its component fields;

    (b)   determining which of said component fields is the first component field;

    (c)   discarding the second component field of said video image frame; and

    (d)   generating a combined video image frame signal based only on said first component field;

wherein each component field comprises a plurality of pixel lines.

15. (original): The method of Claim 14, wherein step (d) comprises the steps of:

(d1)   ~~separating said first component field into alternating pixel lines;~~

(d~~2~~1)   generating a pixel line having a value comprising the average of <u>each adjacent pair of</u> said ~~alternating~~ pixel lines; and

(d3)   providing said generated pixel line between said ~~alternating~~ <u>corresponding adjacent pair of</u> pixel lines.

16. (new)   The device of Claim 1, wherein said detection unit is operative to determine the type of processing to be performed on a predetermined video frame signal based on a selection by a user of said digital video display device.